

L Number	Hits	Search Text	DB	Time stamp
1	2189	((138/89) or (138/90)).CCLS.	USPAT; US-PGPUB	2003/04/03 13:23
2	0	(138/96.r).CCLS.	USPAT; US-PGPUB	2003/04/03 13:23
3	511	(138/96r).CCLS.	USPAT; US-PGPUB	2003/04/03 13:23
4	372	((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.	USPAT; US-PGPUB	2003/04/03 13:24
5	2545	((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)	USPAT; US-PGPUB	2003/04/03 13:24
6	2912	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.))	USPAT; US-PGPUB	2003/04/03 13:24
7	874297	polypropylene or pp or polyolefin or pe or polyethylene	USPAT; US-PGPUB	2003/04/03 13:24
8	1351194	metal or rubber	USPAT; US-PGPUB	2003/04/03 13:25
9	164831	tab or tabs	USPAT; US-PGPUB	2003/04/03 13:25
10	44711	skirt	USPAT; US-PGPUB	2003/04/03 13:25
11	251344	cap	USPAT; US-PGPUB	2003/04/03 13:25
12	1783361	(polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)	USPAT; US-PGPUB	2003/04/03 13:26
13	2021	((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)) and cap and skirt and (tab or tabs)	USPAT; US-PGPUB	2003/04/03 13:26
14	1362	((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)) and cap and skirt and (tab or tabs)) and plurality	USPAT; US-PGPUB	2003/04/03 13:27
15	155	((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)) and cap and skirt and (tab or tabs)) and plurality) and pipe	USPAT; US-PGPUB	2003/04/03 13:33
16	1031	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))	USPAT; US-PGPUB	2003/04/03 13:33
17	254	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)	USPAT; US-PGPUB	2003/04/03 13:34
18	198	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt	USPAT; US-PGPUB	2003/04/03 13:34
19	185	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))	USPAT; US-PGPUB	2003/04/03 13:34
20	53	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))	USPAT; US-PGPUB	2003/04/03 13:37

21	132	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) not ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))	USPAT; US-PGPUB	2003/04/03 13:45
22	4	"3208620" "3297193" "3716162" "3759415".PN.	USPAT	2003/04/03 13:42
25	185	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) or ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))	USPAT; US-PGPUB	2003/04/03 13:46
26	145	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) not ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) or ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))	USPAT; US-PGPUB	2003/04/03 13:57
27	10	("1498563" "1853946" "2073584" "2121436" "2196454" "2977993" "3485271" "3490488" "3496964" "3744528").PN.	USPAT	2003/04/03 13:52
37	5	("2596182" "2956822" "3048911" "3254153" "0891109").PN.	USPAT	2003/04/03 13:54
43	3	("1894711" "2157867" "2956822").PN.	USPAT	2003/04/03 13:55
47	14	3583710.URPN.	USPAT	2003/04/03 13:56

51	759	((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))) not (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))	USPAT; US-PGPUB	2003/04/03 14:21
52	1140	((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or ((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))	USPAT; US-PGPUB	2003/04/03 14:22

53	1772	((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) not ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) or ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber)))) or (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab or tabs)) and (((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or polyethylene) or (metal or rubber))))))))))	USPAT; US-PGPUB	2003/04/03 14:22
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